

10/587909

## Description

### SHOES FOR WALKING REFORM

#### Technical Field

- [1] This design is regarded to shoes for rightwalking reform and if the walking is not right at going on foot and gives a alert sound, then let a pedestrian have a self-consciousness in order to reform walking-posture right.

#### Background Art

- [2] It is not easy to form the habit of right walking though it is common sense that the right walking helps health so most people can not walk long, due the vertebra overstrained and feel tired through walking pattern as its front being widen outward as shown on Drawing 1.

[3]

- [4] The reform device is developed for man putting on shoes keeping right walking pattern against heretofore walking pattern, as per shown on Drawing 3, habitually led its power to the whole foot bottom, viz power not leaned to one side.

[5]

- [6] Those who put on the shoes for walking reform walk right walking on the situation of equipping the revision device, as the power evenly effected to its whole bottom, then not stimulation concavovex existing on both end-parts end does not stimulate the foot bottom, and if those who put on the shoes walk by concavovex touched on the ground stimulates the foot bottom, then those who put on the shoes understand their walking pattern being not right. Therefore, those who put on the shoes for walking reform have a habit of right walking pattern, through using this shoes for walking reform, due this shoes stimulates upon one side of foot bottom touched on the ground first in each walking step.

[7]

#### Disclosure of Invention

#### Technical Problem

- [8] Aforesaid revision device only reform the foot stepping pattern, however, the situation of foot can not be revised, as a problem in remain.

[9]

#### Technical Solution

- [10] This design is contrived for settling aforesaid problem and it's aim is pedestrian led to walk by right walking pattern.

[11]

- [12] The other aim of this design is that pedestrian keeps good health by secure walk,

through right walking step.

[13]

[14] This design for accomplishing aforesaid aim is characterized that Luminescence Element installed at the front of shoes for controlling the situation Angle Regulator Device controlling angles to top, bottom, left and right Receiving Light Element installed at rear of shoes; Detector detecting light input to Receiving Light Element within fixed time; Timer specifying time of light input; Alarm Device giving alarm upon light non-input at fixed time; Power Resource supplying power to aforesaid apparatuses including power- apparatuses.

[15]

[16] The other character of this design possesses aforesaid Luminescence Element situated and Angle Regulator Device regulating the direction of light output from Luminescence Element.

[17]

### **Brief Description of the Drawings**

[18] Drawing 1 is Preview Illustration of Right Step

[19] Drawing 2 is Preview Illustration of Wrong Step

[20] Drawing 3 is this illustration of shoes equipped

[21] Drawing 4 is circuit of this illustration

[22]

### **Mode for the Invention**

[23] The composition and processing of this design is illustrated in detail, through reference to Drawing enclosed herewith, as following.

[24]

[25] First of all, the composition of this design illustrated, through Drawing 3 referred, this consists of Luminescence Element(11) equipped on the front of the shoes(10); Receiving Light Element(13) equipped on the rear of the shoes; Detector(15) detecting light input to Receiving Light Element; Timer(16) specifying the time of light input to aforesaid Detector; Alarm Device(17) gives alarm on light non-input to aforesaid Detector within fixed time Power Resource Device(19) supplying power to aforesaid apparatuses including power-apparatus.

[26]

[27] In event those who put on the shoes of this design walks at a certain walking pace and the situation offfoot not lined up, let them be right walking to the senses through giving alarm bring them to the senses, through giving alarm, and its illustration in detail as following.

[28]

- [29] As the right walking shown on Drawing 1, due its stepping with foot situated in a crow line forwards by the crossing the left and right foot,
- [30]
- [31] The radiating light possessing regular wavelength from Luminescence Element(11) equipped on the front of shoes input to Receiving Light Element, then the light radiated is periodically detected its light input within the fixed time by Detector(15) or not and then the alarm gives its alert sound unless the light does not inputted within the fixed time.
- [32]
- [33] The Adult usually walks 120 steps per 1 minute in the duration of Detector detecting and upon basis of walking 2 steps per 1 second, Timer(16) is set up to give its alert sound unless the light from the front of the shoes does input to Receiving Element equipped on the rear of the shoes within 1 sec..
- [34]
- [35] When the pedestrian trainer walks in right walking step, as Drawing 1 shown as the illustration in above, the light outputted from Luminescence Element(11) equipped on the front of shoes(10) inputs to Receiving Light Element(13) equipped on the rear of the shoes is perceived normal walking, however, when the pedestrian trainer is crooked/wrong walking step, as Drawing 2 shown, the light outputted from Luminescence Element(11) equipped on the front of shoes(10) does not input to Receiving Element(13) equipped on the rear of the shoes is perceived abnormal walking, then the alarm device(17) gives its alert sound.
- [36]
- [37] Then, the pedestrian trainer preserves his walking step being not right and he can reform his foot situated to be led to right walking step.
- [38]

### **Industrial Applicability**

- [39] According to this design as aforesaid in above, the pedestrian leads to a right walking step and then the pedestrian keeps a sound living by being secure walking step, through a right walking pattern.
- [40]
- [41]
- [42]